



### Cable ID: 656 FOOT PATCH CORD

Date / Time: 12/13/2018 10:23:37 AM

Headroom 7.0 dB (NEXT 36-78)

Test Limit: GameChanger 1Gb/s Channel

Cable Type: GameChanger CMP

NVP: 72.0%

Operator: D COLEMAN

Software Version: V6.0 Build 6

Limits Version: V7.0

Calibration Start Date:

Main (Module): 05/22/2018

Remote (Module): 05/22/2018

### Test Summary: PASS

Model: DSX-8000

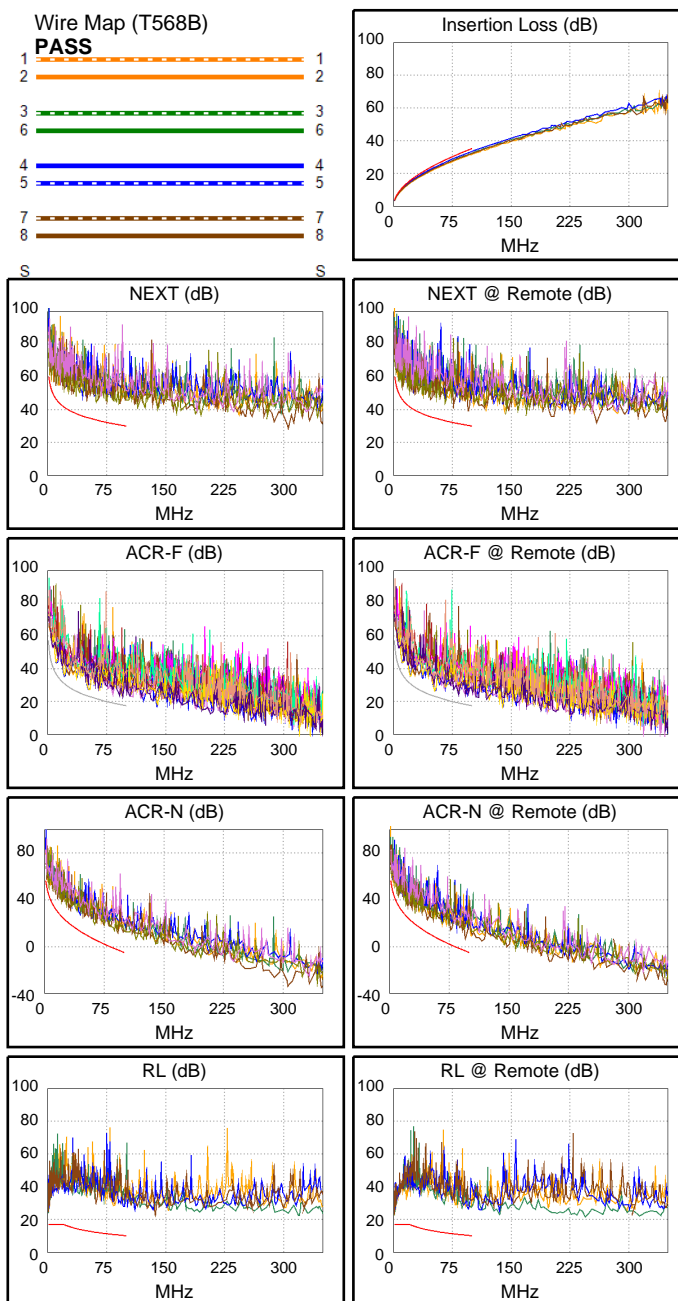
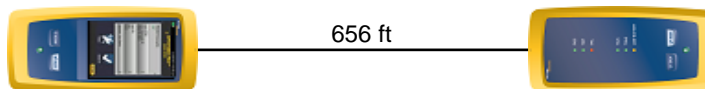
Main S/N: 1746091

Remote S/N: 1746099

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft)	[Pair 12]	656
Prop. Delay (ns), Limit 1080	[Pair 45]	966
Delay Skew (ns), Limit 62	[Pair 45]	39
Resistance (ohms)	[Pair 45]	22.33
Insertion Loss Margin (dB)	[Pair 45]	1.6
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	35.2



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-45
<b>NEXT (dB)</b>	7.0	8.5	12.5	9.0
Freq. (MHz)	2.3	1.9	88.0	95.5
Limit (dB)	57.6	58.9	31.0	30.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	8.1	9.2	13.7	10.8
Freq. (MHz)	3.0	3.1	90.8	95.3
Limit (dB)	52.6	52.3	27.8	27.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	78-36	36-78
<b>ACR-F (dB)</b>	2.8	2.7	5.2	5.4
Freq. (MHz)	52.5	53.3	95.5	95.5
Limit (dB)	23.0	22.9	17.8	17.8
Worst Pair	78	78	36	78
<b>PS ACR-F (dB)</b>	4.8	5.4	7.8	6.8
Freq. (MHz)	52.3	53.3	95.5	95.5
Limit (dB)	20.0	19.9	14.8	14.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
<b>ACR-N (dB)</b>	7.7	9.2	14.7	10.7
Freq. (MHz)	2.3	1.9	92.3	95.5
Limit (dB)	52.4	54.1	-3.0	-3.9
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	8.8	9.9	16.5	13.5
Freq. (MHz)	3.0	3.1	92.3	95.3
Limit (dB)	46.6	46.2	-6.0	-6.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	45	36
<b>RL (dB)</b>	10.3	8.8	15.8	8.8
Freq. (MHz)	1.3	1.3	96.8	1.3
Limit (dB)	17.0	17.0	10.2	17.0

Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 1000BASE-T    2.5GBASE-T      ATM-25  
 ATM-51        ATM-155          100VG-AnyLan  
 TR-4           TR-16 Active      TR-16 Passive



**Cable ID: 850 FOOT PATCH CORD**

Date / Time: 12/13/2018 10:19:21 AM

Headroom 7.4 dB (NEXT 36-78)

Test Limit: GameChanger 10Mb/s Channel

Cable Type: GameChanger CMP

NVP: 72.1%

Operator: D COLEMAN

Software Version: V6.0 Build 6

Limits Version: V7.0

Calibration Start Date:

Main (Module): 05/22/2018

Remote (Module): 05/22/2018

**Test Summary: PASS**

Model: DSX-8000

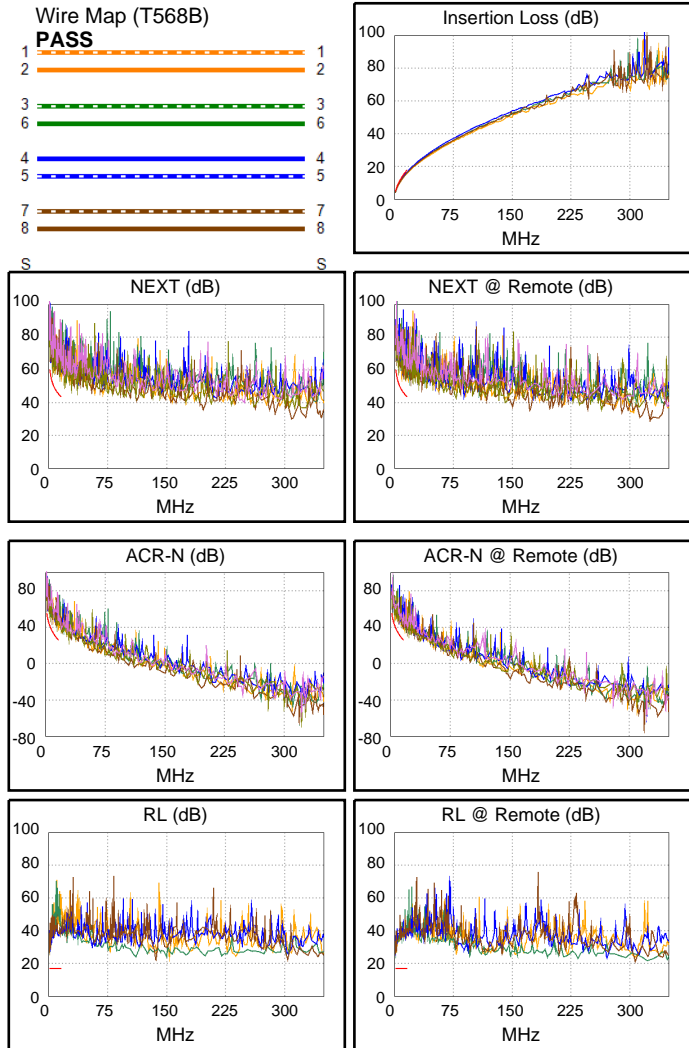
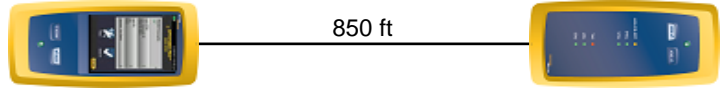
Main S/N: 1746091

Remote S/N: 1746099

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft)	[Pair 12]	850
Prop. Delay (ns), Limit 1400	[Pair 45]	1249
Delay Skew (ns)	[Pair 45]	50
Resistance (ohms)	[Pair 45]	28.87
Insertion Loss Margin (dB)	[Pair 45]	1.2
Frequency (MHz)	[Pair 45]	16.0
Limit (dB)	[Pair 45]	17.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	12-36	12-36
<b>NEXT (dB)</b>	7.4	7.6	10.7	10.3
Freq. (MHz)	5.1	2.0	15.8	13.9
Limit (dB)	51.8	58.4	43.7	44.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	12-36	36-45
<b>ACR-N (dB)</b>	8.5	8.2	12.3	12.7
Freq. (MHz)	5.1	2.0	15.8	15.8
Limit (dB)	41.7	52.0	26.0	26.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
<b>RL (dB)</b>	9.2	8.0	9.2	8.0
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	17.0	17.0	17.0	17.0

Compliant Network Standards:  
10BASE-T      100BASE-T4      ATM-25  
ATM-51      TR-4